



YOUNG OAK KOH



RALPH WALTHAM

Young Koh Wins Cornell Award Ralph Waltham Gets Fellowship

A Brigham Young University graduate student recently received a \$2,000 research scholarship from the Cornell Foundation.

HE IS Young Oak Koh from Korea, who is working for his M.A. in animal husbandry at BYU. He expects to receive the degree this June.

Young graduated from the University of California at Davis in 1959. He is studying at BYU under a fellowship this year and is a member of Phi Kappa Phi.

Scholarship Honors

Although he is an animal husbandry major, Koh is an instructor in the statistics department at the university.

Ralph L. Waltham, Brigham Young University student, has received a \$1,250 fellowship at the University of Wisconsin for this coming school year.

WALTHAM WILL graduate in June. He is an industrial management major and will enter business administration for his graduate work.

He is a member of Blue Key service unit and Phi Kappa Phi honor society. He has served on a BYU scholarship and previously as president of Phi Eta Sigma, freshman honorary. He served in the Netherlands Mission.

Bob Thomas Explains . . .

New Honors Program Helps Gifted

by Bill Adair
Daily Universe Writer

The Brigham Young University brain power output slipped into high gear this year with the establishment of the school's new Honors Program for superior students.

AT THE PRESENT time, there are 150 students, most of whom are freshmen, working under the program.

Dr. Robert Thomas, director

of the program, said that the classes for the honors students were adapted to meet the needs of the gifted and to cultivate his special abilities.

HE EXPLAINED that after the student has entered the Honors Program he finds himself in a much different situation than he is accustomed to. Instead of finding himself the brightest student in the class, he finds that he is only one of several who have equal abilities.

Dr. Thomas said that although the honors students were not graded on the curve, the students were greatly motivated by the responsibility to keep up with the rest of the class.

TO PARTICIPATE in the program, a candidate for honors must either be in the upper five per cent of his high school class or show great evidence of promise in some area on the basis of tests or performance.

However, the candidate must meet other requirements. Before he is accepted to enter the program, he must submit himself to a series of tests prepared by the BYU Counseling Service, and he is given a thorough personal interview by members of the Honors Program committee. The candidate must also give suitable references for the committee to check.

DR. THOMAS explained that those studying under the program are not limited to take only the special classes for the superior student. They also take

Y Angel Flight Trek to 'D.C.,' Represent West

Angel Flight Drill Team is participating in the women's competition in the 1961 National Cherry Blossom Festival, Washington, D.C., until Sunday.

THE TEAM was chosen from 18 western Angel Flights by the Arnold Air Society, Commandant Lt. Col. William C. Johnson, well known BYU, Provo and the Western states at the festival.

The Angel Flight Drill Team is a relatively new unit in the field of competitive women's drill units. Its members are drawn from the sophomore and junior Angel Flights after tryouts and individual competition.

PREVIOUSLY to 1967, the drill team drilled with the cadets. Since then they have developed a women's precision drill team directed by a woman captain and four men. They began in exhibition drill, regulation drill and parade performance in the Arizona Aerospace Exposition at Tucson in February.

Planetary Plans Show

Apell's public showing at Summerfest Planetarium will be on "Astronomy and Geographia" and will begin at 7:30 p.m. The planetarium is at 440 Eyring Science Center, up the north stairway of the building.

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se Timer ...

Heart Regulator Ticks, Now BYU Prof. Lives

Richard G. Thayne
Freelance Writer

heart beat its ticket. Without it he dies. If the heart stops five to 15 seconds, death begins. Then fall into a faint. A pause deprives the brain of oxygen and causes death. If the heart stops two or more the patient uses or suffers brain damage.

ESSOR Guy Pierce, Industrial Education Dept., is quite with these facts. On 1960, he stopped his time. He was rushed to hospital where doctors operated on his chest cavity and mass heart to keep him alive.

His heart was exposed and any electrodes into muscles. This pacemaker in the wall of the upper or auricle of the heart then sewed incision, which held the es and connecting wires.

CONNECTING wires tripped outside the chest and connected with an transistor-type "Pace-

"Pacemaker" is one of local and scientific marks of this era. It sparks hes-

tant hearts for many cardiac patients and provides added years of normal life.

FROM A life-saving standpoint this invention is more important than the familiar electronic brain and weighs only eight to 10 ounces.

With this mechanical wizard, designed and built by Wilson Greatbatch, an Electronic Consultant in Buffalo, New York, men and women can enjoy normal life with its activities of work and play.

THIS ELECTRONIC spark of life is named after the pacemaker in the heart which regulates the rhythm of the heart beat. Human life depends on the functioning of the pacemaker which is, in reality, electrical in nature. Electrical in nature? This was an idea to medical students and researchers. They removed the hearts from turtles applied alternating electrical current to them and managed to keep them beating for several hours.

FOLLOWING this experiment, dogs were utilized. Their operations were successful. Finally, the same experiment was tried on a man with success.

Utilizing the remaining data gained from these heart experiments, Wilson Greatbatch developed the highly technical mechanical heart regulator now known as the "Pacemaker."

PACEMAKER is powered by 10 thin batteries, three of which are in the unit, and has two diodes. One governs the pulse rate while the other controls the amount of current.

Some patients regulate the heart beat down to 50 per minute at night which helps them sleep and increases it to 100 beats per minute in the morning which gives them additional vigor.



ELECTRONIC PULSE — Modern science and medicine jointly gave aid to Guy Pierce, Industrial Education professor at Brigham Young University. After a heart failure, he was fitted with a new "Pacemaker" to control his heart beat. Mrs. Norma Durfee, Nursing Instructor, demonstrates to Loretta Seneca, senior nursing student, proper technique of applying this \$400 transistor operated instrument.

WHEN THE patient takes a bath, he wraps the pacemaker in a plastic bag and hangs it on the shower curtain or on a stool near the tub.

Professor Pierce is one of the lucky sixty per cent who will only have to depend on his Pacemaker periodically. In his case, using the machine, his heart has regained the original pacemaker function.

Burgler Says ...

Jail Is Better Than Home

by United Press International

PHILADELPHIA (UPI)—Albert Torres, 20 years old and recently married, got what he wanted—a quiet night in jail away from his "nagging" wife.

Officers arrested Torres at the door of a Sunday School with "burglar" tools—a hammer and a screwdriver—after police received a tip that someone was trying to break in.

TORRES TOLD the officers he called them, then hurried to the school with the tools.

The young husband said he couldn't take his wife's nagging any more and told her if she didn't stop he would get himself arrested so he could spend a quiet night in jail.

Mrs. Torres agreed that's what happened.

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Power-Packed Cougars Shell Snow 17-0, 31-2

The Brigham Young University baseball team won their third consecutive doubleheader swamping hapless Snow College in both ends of yesterday's twin bill, 17-0 and 31-2.

In the nine-inning opener the Cougars scored 17 runs on three home runs, six doubles by Bob Moschler and two by third-base man Jim Armstrong to back flawless pitching by Lammie

Haecke, Ken Hicks and Irwin Hines.

FIRST-BASEMAN John Christensen and second-sacker Don Willardson also poled for the circuit with Willardson's blast coming with the socks filled in the seventh inning.

Left-hander Haecke went the first four innings, striking out 9 Snow batters in picking up the win.

In the second game Moschler started on the mound for the Cougars and went the first four innings to register the win before giving way to Bob Noel.

THE COUGARS pounded out a total of 16 hits off three Snow pitchers while amassing their 31 run total.

The Cougs jumped on the Snow starter in the first inning with the help of Romeo Helle's 3-run home run over the centerfield fence, and continued the assault.

Bill Hines had a two-out single for an inside-the-park home run in the fourth inning and lefty Paul Marks slugged for the circuit in the sixth, to chase Frank Herzer, who had singled for his third hit of the day, home ahead of him.

BYU Tennis Team Prime For Skyline

By Douglas Wixson

Tennis players from BYU just completed an eight-day trek into the mountains where they met with New Mexico State, then met and then lost twice in two days to Arizona in Tucson.

In competing the tour the Cougars whipped Arizona State at Tempe to round out their four tennis matches with a 1-2-1 record.

THE COUGARS will next host Utah State on April 15, for their first home match. The teams will also play against Utah at Provo on May 12, before the conference finals on May 26 and 27 on the Cougar court.

Bob Glick, Morris and Tom Means, number two and three men, and Mel Bennett are lost from last year. Coach Buck Dunning said that he does see some promising talent in the likes of Sandy Sia, a freshman from Peru, Gary Rose, a sophomore from B Y High and Bregg Sperry a returning missionary.

The outstanding gymnasts of the intermountain area will be on display tonight in Smith Fieldhouse when they set out to determine champions in three divisions.

Representatives from Brigham Young University, the University of Utah and more than 30 junior and senior high school contestants will try to pick up



"FRENCH" LEVER — Gymnast Tom French demonstrates his form on the rings with a "French" Lever, French, a BYU student from Encino, Calif., will be

one of the participants in tonight's Gymnastics Meet to be held in the house. Competition will begin at 6:30

Tonite . . .

BYU To Host AAU Gym Meet

points with routines in free exercise, trampoline and tumbling.

CHAIRMAN OF THE MEET, Bill Bangerter, said official AAU rules will be in force. Routines will be optional since specific compulsory routines will not be required.

Included among the BYU gymnasts who will compete tonight are Tom French, Encino, Calif.,

and Phil Shurtliff, Castrovale, Calif.

FRENCH AND SHURTLEFF also plan to compete in the AAU national meet in Albuquerque, N. Mex.

Other BYU participants will include Don Gordon, Richland, Wash.; Dick Snow and Ken Watt, Provo.

Competition will begin on the

Door at 6:30 p.m. with the junior division following.

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